

**METHODS OF PREPARING LATEX PARTICULATES
WITH REACTIVE FUNCTIONAL GROUPS**

5

ABSTRACT OF THE DISCLOSURE

The present invention is drawn to a method of generating functionalized
10 latex particulates in a colloidal suspension. The method can comprise steps of
protecting functional groups present on polymerizable monomers with photo
labile groups to form protected monomers; polymerizing the protected monomers
to form a protected polymer; and exposing the protected polymer to a wavelength
of light that removes the photo labile groups from the functional groups, thereby
15 forming the functionalized latex particulates. These latex particulates can be
used in a wide variety of applications, including in ink-jet ink printing applications.